

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/989,407

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): An image and information processor comprising:

an image information processing unit having a function for inputting patient information and radiation image capture information related to said patient information; a function for receiving at least one first radiation image having been read by means of a radiation image reading device; and a function for performing image processing on said at least one first radiation image having been received from said radiation image reading device;

an image display device which is connected to said image information processing unit and displays at least one of said at least one first radiation image and at least one second radiation image having been subjected to said image processing by said image information processing unit; and

an external storage device which is connected to said image information processing unit and stores temporarily at least one of said at least one first radiation image and said at least one second radiation image in relation to said patient information; wherein

said image information processing unit is constructed such that a serial radiography based on a plurality of radiographic conditions of said image capture information relating to one patient inputted by means of said input function can be reserved as a single inspection.

2. (original): The image and information processor according to Claim 1, wherein said image information processing unit is connected via a network to said radiation image reading

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/989,407

device or radiation image reading devices and one or more image output devices for outputting said at least one second radiation image.

3. (original): The image and information processor according to Claim 1, wherein said plurality of radiographic conditions of said radiation image capture information which are reserved as said single inspection are displayed in a single screen as tags, each corresponding to each of said plurality of radiographic conditions.

4. (original): The image and information processor according to Claim 3, wherein when said serial radiography is begun and the radiation image corresponding to each of said plurality of radiographic conditions is stored, a thumbnail image of said radiation image is displayed in relation to a tag of said tags.

5. (original): The image and information processor according to Claim 4, wherein a relationship between said tag and said thumbnail image can be altered or exchanged by moving said thumbnail image that has been displayed related to said tag.

6. (original): An image and information processor according to Claim 3, wherein consecutive numbers are assigned to radiation images pertaining to said single inspection according to order that said tags are arranged in, and this display sequence in which said radiation images are displayed is controlled by said consecutive numbers.

7. (original): The image and information processor according to Claim 3, wherein consecutive numbers are assigned to radiation images pertaining to said single inspection according to order that said tags are arranged in, and when said radiation images are outputted, this output sequence is controlled by said consecutive numbers.

8. (original): An image and information processor, comprising;

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/989,407

one or more radiation image reading devices for reading a radiation image;

an image information processing unit having a function for inputting patient information and radiation image capture information related to said patient information; a function for receiving at least one first radiation image having been read by means of one or more radiation image reading devices; and a function for performing image processing on said at least one first radiation image having been received from said one or more radiation image reading devices;

an image display device which is connected to said image information processing unit and displays at least one of said at least one first radiation image, and at least one second radiation image having been subjected to said image processing by said image information processing unit; and

an external storage device which is connected to said image information processing unit and stores temporarily at least one of said at least one first radiation image and said at least one second radiation image in relation to said patient information; wherein

said image information processing unit is connected via a network to said one or more radiation image reading devices and one or more image output devices for outputting said at least one second radiation image; and wherein

said image information processing unit is constructed such that a serial radiography based on a plurality of radiographic conditions of said radiation image capture information relating to one patient inputted by means of said input function can be reserved as a single inspection.

9. (new): The image and information processor of claim 1, wherein the single inspection is reserved based on an inspection prescription.

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/989,407

10. (new): The image and information processor of claim 1, wherein the image capturing conditions include at least one of a region of a patient to be captured, a direction from which the at least one first radiation image is to be captured, an orientation for image capture, and size.

11. (new): The image and information processor of claim 10, wherein an order of image capture conditions progresses in order of difficulty of image capture.